

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method of cross-cutting a web having a repeated sequence of at least two printed pages with different heights, said method comprising:

printing said web with a repeated sequence of at least two printed pages with different heights in a web-fed rotary printing press having a plate cylinder driven by a motor controlled by a drive controller;

moving said web in a running direction; and

cutting said web transversely to said running direction successively by means of a cross-cutting device comprising a knife cylinder having at least one cutting knife to form sheets having section lengths corresponding to said different heights;

supplying said web at an approximately constant speed to said cross-cutting device;

driving said knife cylinder having at least one cutting knife to rotate about an axis parallel to a cutting line by means of a motor;

cutting said web to form a sheet by operating said knife-cylinder, during cutting, at a circumferential speed corresponding approximately to the web speed;

selecting a movement sequence from a memory in accordance with the height of the next printed page to be cut;

predefining said movement sequence to said motor driving said knife cylinder so that the next sheet is cut with a section length corresponding to the height of the next printed page;

communicating the rotary position of the plate cylinder from the drive controller to a computing and storage unit comprising said memory; and

predefining said movement sequence for said motor of said knife cylinder in said computing and storage unit cyclically so that the position of the web is synchronized with the rotary position of the plate cylinder.

2. (canceled)

3. (canceled)

4. (withdrawn) A method as in claim 1 wherein said cross-cutting device comprises means for severing said web by means of a beam or a jet, said method comprising:

severing said web by aiming said beam or said jet toward said web by means of a deflection device;

selecting the height of the next printed page to be severed from a memory; and

controlling said deflection device so that the next sheet is cut with a section length corresponding to the height of the next printed page.

5. (withdrawn) A method as in claim 4 further comprising:

providing a signal which takes into account the continuous position of the web;

and

connecting said signal to said deflection device.

6. (withdrawn) A method as in claim 4 further comprising:
providing a signal which takes into account the contour of a cut which differs from a straight line;
connecting said signal to said deflection device; and
deflecting beam or said jet in accordance with said contour, leading and trailing said running direction.

7. (withdrawn) A method as in claim 4 wherein said cross-cutting device comprises means for severing said web by means of a laser beam.

8. (withdrawn) A method as in claim 4 wherein said cross-cutting device comprises means for severing said web by means of a water jet.

9. (original) A method as in claim 1 comprising feeding said web from a web-fed rotary press to said cross-cutting device.

10. (original) A method as in claim 1 comprising feeding said web from an unwind device to said cross-cutting device.